

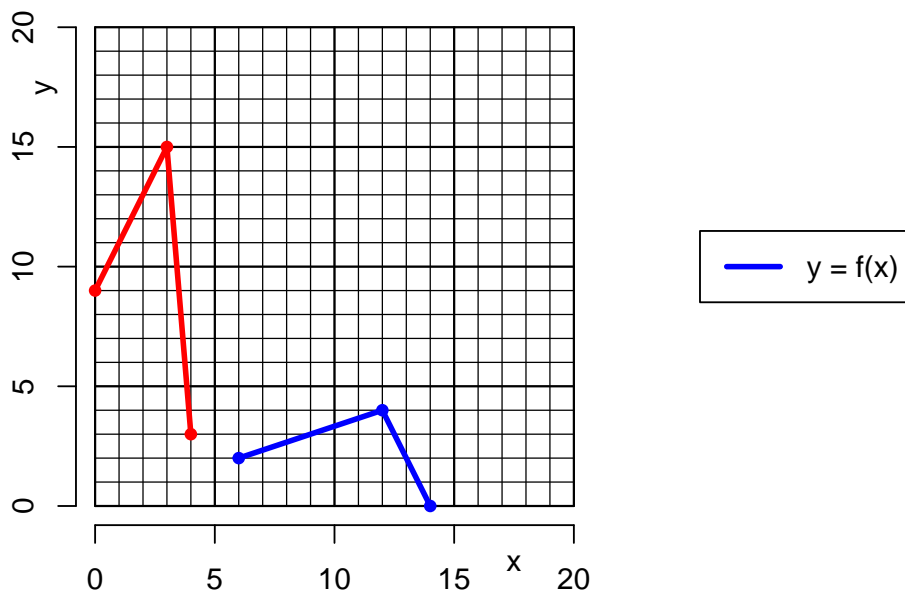
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 18)

### Question 1

Curve  $y = f(x)$  contains points  $(6, 2)$  and  $(12, 4)$  and  $(14, 0)$ , as shown on the  $x$ - $y$  plane below.

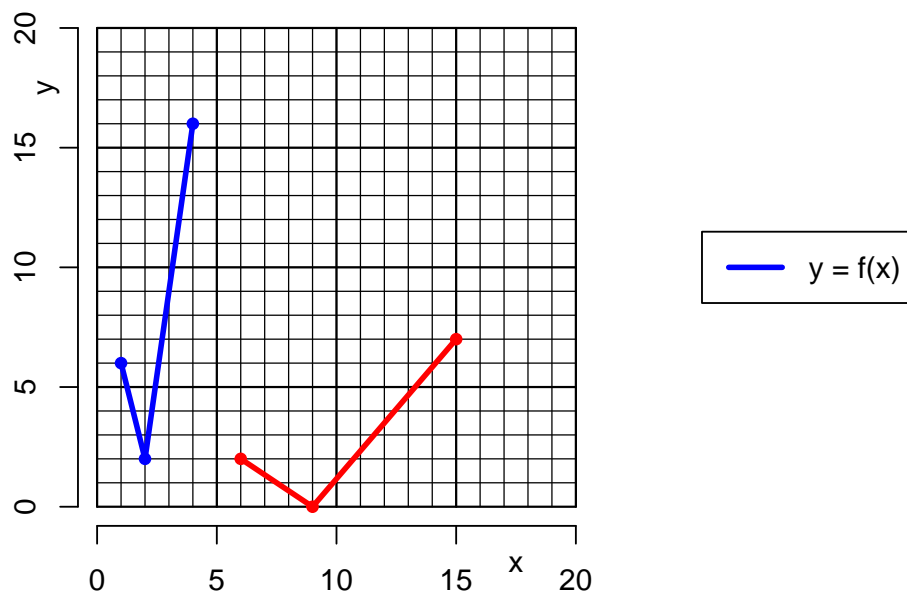


On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x + 6] + 1)$$

## Question 2

Curve  $y = f(x)$  contains points  $(1, 6)$  and  $(2, 2)$  and  $(4, 16)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x-3}{3}\right]}{2} - 1$$